

**WHAT IS CLAIMED IS:**

1. A programmable light source device for mobile phone displays, comprising:  
an electroluminance panel providing a luminance light source to the mobile phone displays; and  
a driving integrated circuit mounted within a housing of a mobile phone for sending out signals to control the electroluminance panel on illumination effects, and to receive input from a keypad on the mobile phone to set desired illumination effects.
2. The programmable light source device as claimed in Claim 1, wherein the illumination effects of the electroluminance panel comprise luminance intensity, luminance color, color change timing and patterns.